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PTO/SB/05 (4/98)  
Approved for use through 09/30/2000. OMB 0651-0032  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No. 017.39114X00

First Inventor or Application Identifier Naoaki NII

Title See 1 in Addendum

Express Mail Label No.

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ \* Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☒ Specification [Total Pages 38]  
(preferred arrangement set forth below)
  - Descriptive title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to Microfiche Appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
3. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 15]
4. Oath or Declaration [Total Pages]
  - a. ☐ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 C.F.R. § 1.63(d))  
(for continuation/divisional with Box 16 completed)
    - i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting  
inventor(s) named in the prior application,  
see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

\* NOTE FOR ITEMS 1 & 13 IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY  
FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27); EXCEPT  
IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28)

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

5. ☐ Microfiche Computer Program (Appendix)
6. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - a. ☐ Computer Readable Copy
  - b. ☐ Paper Copy (identical to computer copy)
  - c. ☐ Statement verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

7. ☐ Assignment Papers (cover sheet & document(s))
8. ☐ 37 C.F.R. § 3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)
9. ☐ English Translation Document (if applicable)
10. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☒ Copies of IDS Citations
11. ☐ Preliminary Amendment
12. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
13. ☐ \* Small Entity Statement(s) ☐ Statement filed in prior application  
(PTO/SB/09-12) Status still proper and desired
14. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
15. ☐ Other: .....

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: \_\_\_\_\_

Prior application information: Examiner \_\_\_\_\_

Group / Art Unit: \_\_\_\_\_

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 17. CORRESPONDENCE ADDRESS

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or ☐ Correspondence address below

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Address

City

State

Zip Code

Country

Telephone

Fax

Name (Print/Type)

James N. Dresser

Registration No. (Attorney/Agent)

22,973

Signature

Date

11/30/00

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# FEE TRANSMITTAL

## for FY 2000

Patent fees are subject to annual revision.  
Small Entity payments must be supported by a small entity statement,  
otherwise large entity fees must be paid. See Forms PTO/SB/09-12.  
See 37 C.F.R. §§ 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT (\$1,534.00)

### Complete if Known

Application Number  
Filing Date November 30, 2000  
First Named Inventor Naoaki NII  
Examiner Name  
Group / Art Unit  
Attorney Docket No. 017.39114X00



METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)																																																																																																																									
<p>1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:</p> <p>Deposit Account Number 01-2135</p> <p>Deposit Account Name</p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17</p>		<p>3. ADDITIONAL FEES</p> <table border="1"><thead><tr><th>Large Entity Fee Code</th><th>Small Entity Fee Code</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td>105</td><td>130 205 65</td><td>Surcharge - late filing fee or oath</td><td>0.00</td></tr><tr><td>127</td><td>50 227 25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td>0.00</td></tr><tr><td>139</td><td>130 139 130</td><td>Non-English specification</td><td>0.00</td></tr><tr><td>147</td><td>2,520 147 2,520</td><td>For filing a request for reexamination</td><td>0.00</td></tr><tr><td>112</td><td>920* 112 920*</td><td>Requesting publication of SIR prior to Examiner action</td><td>0.00</td></tr><tr><td>113</td><td>1,840* 113 1,840*</td><td>Requesting publication of SIR after Examiner action</td><td>0.00</td></tr><tr><td>115</td><td>110 215 55</td><td>Extension for reply within first month</td><td>0.00</td></tr><tr><td>116</td><td>380 216 190</td><td>Extension for reply within second month</td><td>0.00</td></tr><tr><td>117</td><td>870 217 435</td><td>Extension for reply within third month</td><td>0.00</td></tr><tr><td>118</td><td>1,360 218 680</td><td>Extension for reply within fourth month</td><td>0.00</td></tr><tr><td>128</td><td>1,850 228 925</td><td>Extension for reply within fifth month</td><td>0.00</td></tr><tr><td>119</td><td>300 219 150</td><td>Notice of Appeal</td><td>0.00</td></tr><tr><td>120</td><td>300 220 150</td><td>Filing a brief in support of an appeal</td><td>0.00</td></tr><tr><td>121</td><td>260 221 130</td><td>Request for oral hearing</td><td>0.00</td></tr><tr><td>138</td><td>1,510 138 1,510</td><td>Petition to institute a public use proceeding</td><td>0.00</td></tr><tr><td>140</td><td>110 240 55</td><td>Petition to revive - unavoidable</td><td>0.00</td></tr><tr><td>141</td><td>1,210 241 605</td><td>Petition to revive - unintentional</td><td>0.00</td></tr><tr><td>142</td><td>1,210 242 605</td><td>Utility issue fee (or reissue)</td><td>0.00</td></tr><tr><td>143</td><td>430 243 215</td><td>Design issue fee</td><td>0.00</td></tr><tr><td>144</td><td>580 244 290</td><td>Plant issue fee</td><td>0.00</td></tr><tr><td>122</td><td>130 122 130</td><td>Petitions to the Commissioner</td><td>0.00</td></tr><tr><td>123</td><td>50 123 50</td><td>Petitions related to provisional applications</td><td>0.00</td></tr><tr><td>126</td><td>240 126 240</td><td>Submission of Information Disclosure Stmt</td><td>0.00</td></tr><tr><td>581</td><td>40 581 40</td><td>Recording each patent assignment per property (times number of properties)</td><td>0.00</td></tr><tr><td>146</td><td>690 246 345</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td><td>0.00</td></tr><tr><td>149</td><td>690 249 345</td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td><td>0.00</td></tr><tr><td colspan="2">Other fee (specify)</td><td></td><td>0.00</td></tr><tr><td colspan="2">Other fee (specify)</td><td></td><td>0.00</td></tr><tr><td colspan="2">SUBTOTAL (3)</td><td colspan="2">(\$) 0.00</td></tr></tbody></table>		Large Entity Fee Code	Small Entity Fee Code	Fee Description	Fee Paid	105	130 205 65	Surcharge - late filing fee or oath	0.00	127	50 227 25	Surcharge - late provisional filing fee or cover sheet	0.00	139	130 139 130	Non-English specification	0.00	147	2,520 147 2,520	For filing a request for reexamination	0.00	112	920* 112 920*	Requesting publication of SIR prior to Examiner action	0.00	113	1,840* 113 1,840*	Requesting publication of SIR after Examiner action	0.00	115	110 215 55	Extension for reply within first month	0.00	116	380 216 190	Extension for reply within second month	0.00	117	870 217 435	Extension for reply within third month	0.00	118	1,360 218 680	Extension for reply within fourth month	0.00	128	1,850 228 925	Extension for reply within fifth month	0.00	119	300 219 150	Notice of Appeal	0.00	120	300 220 150	Filing a brief in support of an appeal	0.00	121	260 221 130	Request for oral hearing	0.00	138	1,510 138 1,510	Petition to institute a public use proceeding	0.00	140	110 240 55	Petition to revive - unavoidable	0.00	141	1,210 241 605	Petition to revive - unintentional	0.00	142	1,210 242 605	Utility issue fee (or reissue)	0.00	143	430 243 215	Design issue fee	0.00	144	580 244 290	Plant issue fee	0.00	122	130 122 130	Petitions to the Commissioner	0.00	123	50 123 50	Petitions related to provisional applications	0.00	126	240 126 240	Submission of Information Disclosure Stmt	0.00	581	40 581 40	Recording each patent assignment per property (times number of properties)	0.00	146	690 246 345	Filing a submission after final rejection (37 CFR § 1.129(a))	0.00	149	690 249 345	For each additional invention to be examined (37 CFR § 1.129(b))	0.00	Other fee (specify)			0.00	Other fee (specify)			0.00	SUBTOTAL (3)		(\$) 0.00	
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<p>2. EXTRA CLAIM FEES</p> <p>Total Claims 48 - 20** = 28 x 18 = 504</p> <p>Independent Claims 7 - 3** = 4 x 80 = 320</p> <p>Multiple Dependent = 0</p> <p>**or number previously paid, if greater, For Reissues, see below</p> <table border="1"><thead><tr><th>Large Entity Fee Code</th><th>Small Entity Fee Code</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td>103</td><td>18 203 9</td><td>Claims in excess of 20</td><td></td></tr><tr><td>102</td><td>78 202 39</td><td>Independent claims in excess of 3</td><td></td></tr><tr><td>104</td><td>260 204 130</td><td>Multiple dependent claim, if not paid</td><td></td></tr><tr><td>109</td><td>78 209 39</td><td>** Reissue independent claims over original patent</td><td></td></tr><tr><td>110</td><td>18 210 9</td><td>** Reissue claims in excess of 20 and over original patent</td><td></td></tr><tr><td colspan="2">SUBTOTAL (2)</td><td colspan="2">(\$) 824.00</td></tr></tbody></table>		Large Entity Fee Code	Small Entity Fee Code	Fee Description	Fee Paid	103	18 203 9	Claims in excess of 20		102	78 202 39	Independent claims in excess of 3		104	260 204 130	Multiple dependent claim, if not paid		109	78 209 39	** Reissue independent claims over original patent		110	18 210 9	** Reissue claims in excess of 20 and over original patent		SUBTOTAL (2)		(\$) 824.00																																																																																															
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SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	James N. Dresser	Registration No. (Attorney/Agent)	22,973
Signature		Telephone	
		Date	11/30/00

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